

19981201.ba v02_n324.bam.981201 v02_n325.bam.981201

>From ???@??? Tue Dec 01 02:27:04 1998
Message-Id: <199812010601.AAA13298@sco.theporch.com>
Date: Tue, 1 Dec 1998 00:00:11 CST
Subject: BOATANCHORS digest 2324

BOATANCHORS Digest 2324

Topics covered in this issue include:

- 1) AWA W2AN special station
by Brien Pepperdine <pepperb@gov.on.ca>
- 2) "RE": FB-7 and 10 meter coils
by Kargokult@aol.com
- 3) [Fwd: HT-17 Coils]
by cormac@quicktel.com (Cormac Thompson)
- 4) Pine sap removal & orange solvent
by Peter_Simpson@ne.3com.com
- 5) Re: "RE": FB-7 and 10 meter coils
by nielw@ix.netcom.com
- 6) WTB: 75A4 Parts Unit
by "ROBERT F. KEMP" <rkemp@mr.net>
- 7) TS-34 SCOPE CASE AVAILABLE
by David Stinson <arc5@ix.netcom.com>
- 8) FS: Hallicrafters
by "Walter Fairclough" <wfairclo@netcom.ca>
- 9) TMC - PAL 500 Help needed
by Ed Sieb <esieb@gmsiworld.com>
- 10) Valliant Problem
by Emil Switzer <eswitzer@mindspring.com>
- 11) Europe / FS TV7B tube tester
by "Ragnar Otterstad" <otterstad@inet.uni2.dk>
- 12) SX=100 knob needed
by Bob Roehrig <broehrig@admin.aurora.edu>
- 13) BC-611 identification
by Hans Jense <gjense@casema.net>
- 14) Manual for trade
by Kevin Gallagher <wire2liv@gomontana.com>
- 15) Goodies spotted last Sat.
by Gordon Smith <wpe9ijx@iquest.net>
- 16) VHF-FM BA Link 2240
by Jack Antonio <dia@dia.reno.nv.us>
- 17) French Engineering& The Superhet
by "Steve" <scb@mail.internettport.net>

Date: Sun, 29 Nov 1998 12:03:04 -0500 (EST)

From: Brien Pepperdine <pepperb@gov.on.ca>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: AWA W2AN special station
Message-ID: <Pine.OSF.3.93.981129115212.1435A-100000@govonca2.gov.on.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I heard W2AN on Friday, actually a bit earlier than advertised. FB sig here, and I threw the tape machine on to record the signal. Thankfully I was able to make a contact, so got my response to his QRZ recorded. I did not hear them Saturday, so it appears they might not have been on - maybe CQ-WW contest scared them away. Too bad if so.

Thanks to go the fellow who gave the heads up on the Event on Friday.

I thought it was a great event with that transmitter, and I just have to get to get back to the Museum again with a friend of mine who is an AWA member. The last time was a rushed visit since I was just swinging down the state quickly and had to get to a B&B down-state, so I only got to the Museum proper and not the Annex. So come next Spring when the weather clears up I want to do a road trip with Tom (who had one of last few railway telegraphy jobs as a summer student) before we get our summer calendar busy and have some time to poke.

Brien Pepperdine
Amateur Radio Station VE3VAW
Toronto, Ontario Canada
ARCI #8773 - NORCAL ZOMBIE

From: Kargokult@aol.com
Message-ID: <640e2acd.36625ffd@aol.com>
Date: Mon, 30 Nov 1998 04:06:05 EST
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: "RE": FB-7 and 10 meter coils
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

hi boys & girls,
say, my Nat'l catalog shows 11 coilsets including coils
FB-A thru FB-F for 19.5 - 0.9 mcs, AB-20 thru AB-160 for the ham
spread coils, and FB-AA for 18 - 34 mcs. even with the "Full
Vision Dial", that's quite a big range for one band, for the high
band, and at \$10 the coil pair, you could understand why maybe
not many hams bot this coilset. Of course, if you were inclined

to experiment with the "vhf's", you could buy a pair of XR-39 coilforms at \$7.30 and make your own 10 meter bandspread coils, but that was still a good bit of money and then you would need an outboard preselector anyway, to keep the sensitivity up and the images down.

hue

*oh, i just noticed in the Spokane Radio Company book that those list prices were discounted, the \$10/ pair list price for coils was discounted to \$6.35.....and so on.

Message-ID: <366290A4.DCF7018B@quicktel.com>
Date: Mon, 30 Nov 1998 04:33:40 -0800
From: cormac@quicktel.com (Cormac Thompson)
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: [Fwd: HT-17 Coils]
Content-Type: multipart/mixed; boundary="-----F4AEBE5EA56C340BCCD16CE5"

This is a multi-part message in MIME format.

-----F4AEBE5EA56C340BCCD16CE5
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

-----F4AEBE5EA56C340BCCD16CE5
Content-Type: message/rfc822
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Message-ID: <36628FF8.B33E8CB3@quicktel.com>
Date: Mon, 30 Nov 1998 04:30:49 -0800
From: Cormac Thompson <cormac@quicktel.com>
Reply-To: cormac@quicktel.com
X-Mailer: Mozilla 4.05 [en] (Win95; I)
MIME-Version: 1.0
To: AMRadio Reflector <AMRadio@listbot.com>
Subject: HT-17 Coils
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Group:

I am restoring a HT-17 xmtr and have only the 40 meter plug in coil. Does anyone have any others, they are mounted on a five pin ceramic base. Also looking for the plug in oscillator coil assembly for 20 meters and up.

Thanks for looking. 73 Cormac W7JHS
cormac@quicktel.com

-----F4AEBE5EA56C340BCCD16CE5--

From: Peter_Simpson@ne.3com.com
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <852566CC.0045D9F3.00@usboxmta.ne.3com.com>
Date: Mon, 30 Nov 1998 07:36:20 -0500
Subject: Pine sap removal & orange solvent
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

I find that waterless hand cleaner (Go-Jo or similar) works well.
Lately, I've started using the kind made from orange peels. It smells
nice and dissolves grease and oil like there's no tomorrow.

It also seems to remove poison ivy sap (but the only way to prove
that is to deliberately expose myself and then clean half the exposed
area).

I also found some stuff called "Citra-solv", which is the raw degreaser
substance. Works like petroleum degreaser, but smells much better and
is non-toxic. I use it on my bicycle.

ObBA: Bet it would work on that old grease on your R390 dial.

73,
Peter, KA1AXY

From: nielw@ix.netcom.com
Message-ID: <36629211.39FB@ix.netcom.com>
Date: Mon, 30 Nov 1998 06:39:45 -0600
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: "RE": FB-7 and 10 meter coils
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

My FB-7 10 mtr coils are marked "28-30 MC". AB-10 is listed in

National's 1935 catalog.

When did the hams get 11 meters?

73, Niel

Kargokult@aol.com wrote:

>

> hi boys & girls,

> say, my Nat'l catalog shows 11 coilsets including coils

> FB-A thru FB-F for 19.5 - 0.9 mcs, AB-20 thru AB-160 for the ham

> spread coils, and FB-AA for 18 - 34 mcs.

Message-ID: <3662C08D.6E1A@mr.net>

Date: Mon, 30 Nov 1998 07:58:05 -0800

From: "ROBERT F. KEMP" <rkemp@mr.net>

MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>

Subject: WTB: 75A4 Parts Unit

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hello all anchorites: I picked up a HEAVILY modified 75A4.....not a single IF can remains of the original design, but the box is there so I'm in need of a good chasis that is basically in-tact. If anyone can help,

I'd sure appreciate it.

Bob - Minnesota

Message-ID: <3662B25F.1BDB@ix.netcom.com>

Date: Mon, 30 Nov 1998 08:57:35 -0600

From: David Stinson <arc5@ix.netcom.com>

MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>

Subject: TS-34 SCOPE CASE AVAILABLE

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

> TS-34 SCOPE CASE AVAIL;

> If anyone has a Navy TS-34 oscilloscope for which

> they would like the lined carrying suitcase,

> please drop me a line and let's talk trades.

> I have the case in nice shape and a scope which

> looks good but is missing the CRT.

> --

> 73 DE David Stinson AB5S

> arc5@ix.netcom.com

Message-ID: <006c01be1c74\$db564240\$e15ab5cf@netcom.ca>
From: "Walter Fairclough" <wfairclo@netcom.ca>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS: Hallicrafters
Date: Mon, 30 Nov 1998 10:19:38 -0500
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hallicrafters SX-43 and SX-71. Replaced caps, resistors and tubes that required replacing. Realigned. Refinished cabinets (computer color matched). All knobs original. Both in very nice cosmetic and electronic condition. Asking \$175.00 (US) each plus shipping.

Walter - VE3EN
wfairclo@netcom.ca

Message-ID: <01BE1C53.3FFD9800@esieb.gmsiworld.com>
From: Ed Sieb <esieb@gmsiworld.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: TMC - PAL 500 Help needed
Date: Mon, 30 Nov 1998 11:19:04 -0500
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Fellow Anchorians and Anchorists,

A friend of mine, Tom Bristow, VA3BC/VE30FM, has a TMC PAL500 linear which requires a little work. (I believe the previous owner hacked the power supply.) Anyway, with the kind indulgence of fellow list members and Jack, I'm posting Tom's message here for wider, and hopefully successful distribution.

Please contact Tom, not me, with any info. Thanks,

Ed
VA3ES

-----Original Message-----

From: Tom Bristow [SMTP:va3bc@mondenet.com]
Sent: Friday, November 27, 1998 6:12 PM
To: esieb@gmsiworld.com
Subject: TMC-PAL500

Hi Ed

I have a TMC - PAL 500 amplifier and matching p.s. I'm eagerly looking for any for mods to allow 160m operation. I'd also like to change the input drive level from 100mw, to a higher input so it can be driven from any rig. I wonder if you know of any such mods, or any other useful mods or improvements?
I can be reached at 613-820-5564,
or by email at: va3bc@mondenet.com

Thanks and 73
VA3BC
Tom (Bristow)

Message-Id: <1.5.4.32.19981130161400.0066b200@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Mon, 30 Nov 1998 08:14:00 -0800
To: Old Tube Radios <boatanchors@theporch.com>
From: Emil Switzer <eswitzer@mindspring.com>
Subject: Valliant Problem

Have an interesting problem that just cropped up with a Valliant. The unit has been working fine on 75 meters but I just tried to fire up on 10. Things seemed to go OK for the first few minutes but then I noticed smoke coming from below the chassis. Seems to be coming from the area of the switched loading capacitors. I still get some output (about 40 watts) on 10 but several positions of the switched loading control seem dead(very low plate current). Power output seems consistent with plate current. The funny thing is that everything still works fine on 75,40,20 and 15(no Smoke). Is it possible that the multisection loading cap could only be bad on 10?

Any ideas?

Thanks in advance.

73, Emil W1GGM/6

Message-ID: <013901be1ca3\$bdf74b20\$59d08e81@default>
From: "Ragnar Otterstad" <otterstad@inet.uni2.dk>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Europe / FS TV7B tube tester
Date: Mon, 30 Nov 1998 20:14:17 -0000
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

For sale : very nice tube tester TV7/B in excellent condition.

Price in your currency, once you tell me where you are, equivalent to USD
150 plus shipping

Date: Mon, 30 Nov 1998 14:53:49 -0600 (CST)
From: Bob Roehrig <bproehrig@admin.aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: SX=100 knob needed
Message-ID: <Pine.ULT.3.96.981130145319.12847C-1000000@admin.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Still looking for a main tuning knob for a SX-100.

"Nostalgia is a thing of the past"
E-mail bproehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

Message-Id: <199811302226.XAA17053@smtp1.casema.net>
Subject: BC-611 identification
Date: Mon, 30 Nov 98 23:28:59 +0100
From: Hans Jense <gjense@casema.net>
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

After reading Robert Downs' authoratative post on BC-611-ology I set out
to determine the history of my unit. I started by reading through parts
of the manuals to familiarize myself with the proper procedures for
disassembly (and hopefully subsequent re-assembly!)

To cut a long story short:

- The chassis is a BC-611-F according to the bottom terminal board and the use of a component terminal strip instead of the dreaded "cups";
- The celluloid designation strip covering the chassis has text in French;
- Judging from the name tag, the case is from a US Army set; incidentally: the texts "MWO-11-235" and "MFP-10?????" (in white stencilled lettering) are vaguely readable on the badly flaked case;
- The case bottom cover is from a US set as per the instructions on battery use in English; this is a "thin" cover, i.e. without the later sockets for headphones and throat mic, which would make my set an "early" -F;
- On the other hand, the chassis sports the later single slug tuned IF transformers;
- The case top cover has the old style ceramic antenna insulator, but the antenna cap has a flat top (!)

To me this is beginning to sound like we need the electrical equivalent to DNA finger printing techniques for individual BC-611's!

Next step will be a sanding down and respray of the case.

-- Hans "Hoping To Become A Happy BA Camper" Jense

Marjes Elling and Hans Jense
Vondellaan 5
2281 CA Rijswijk
The Netherlands
phone: +31 70 399 1208

Message-ID: <36634E6D.6853F4D0@gomontana.com>
Date: Mon, 30 Nov 1998 19:03:26 -0700
From: Kevin Gallagher <wire2liv@gomontana.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Manual for trade
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gentlemen, I have a very nice original 51J4 manual for trade for a copy of a W-J RS-111 manual. If you can help me out, please let me know.

thanks, Kevin

Message-Id: <3.0.6.32.19981130210933.0080bdb0@pop.iquest.net>

Date: Mon, 30 Nov 1998 21:09:33 -0500

To: Old Tube Radios <boatanchors@theporch.com>

From: Gordon Smith <wpe9ijx@iquest.net>

Subject: Goodies spotted last Sat.

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Hi, everyone. I stopped by a combination military surplus / radio repair shop in Princeton, Il. on my way back to Kokomo, In. last Sat. The proprietor of the radio repair shop is W9PWL. He had some old gear sitting among the old broadcast receivers in the back of the store front. There was a Johnson Ranger with a "not for sale" sign on it. But there was a Hallicrafters SX-117 close by. He said he would part with that for the right amount. So, if anyone is interested, call him at 815-875-1096. After chatting with him for quite awhile (my XYL and harmonic were tired of waiting on me), he took me into the back room to show me his National 240 D (I think I got that right) with matching speaker, a R.M.E. model 99 with matching speaker, and Valiant II (I believe). Lots of goodies there. Oh yes, he also had three or four Vibroplex bugs. One was still in the original box. It had the Broadway, NY address on it. I don't know if these were up for sale or not. The overall appearance of the shop was kind of neat, with all the parts boxes on the wall. I even saw some of my company's old Delco Radio parts boxes with NOS 262 Kc. (it wasn't Khz back then) I.F. transformers.

He also had a Swan 20 meter transceiver behind the counter. He may have had some other goodies I didn't see.

Well, it was a neat thing to visit with this Old Timer, and swap stories about a couple of my previous Elmers who are now SK's.

73, all, and happy holidays, etc.

W9LU WPE9IJX 1992 BMW K75

Regards from the "Silicon Flood Plain" (tm) of Kokomo, In.

(home of Delco Electronics and the "Steer and the Stump"

ask me if you want more info :)) reply to: wpe9ijx@iquest.net

Message-ID: <36635599.7CE@dia.reno.nv.us>

Date: Mon, 30 Nov 1998 18:34:01 -0800

From: Jack Antonio <dia@dia.reno.nv.us>

MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>
Subject: VHF-FM BA Link 2240
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello all,

With the talk on here recently about VHF FM Gear, this may be of interest to somebody.

I have a Link 2240 Transmitter that either could be a foundation for restoration or a parts unit-could go either way. It is a 2M unit that had been converted to AC but the AC power supply has been removed.

Its free plus postage-first come first served.

73

Jack Antonio WA7DIA
dia@dia.reno.nv.us

Message-Id: <199812010606.AAA09931@loki.internettport.net>
From: "Steve" <scb@mail.internettport.net>
To: Old Tube Radios <boatanchors@theporch.com>
Date: Mon, 30 Nov 1998 23:52:42 +0000
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Subject: French Engineering& The Superhet
CC: boatanchors@theporch.com

(Cc Posted BA)

S.> And (She is) a talented Lady with a fine heritage.

A.>Merci----.

Bonsoir Andre;

You are certainly welcome. The thread was beginning to take a nasty edge and that is not what I am here for.

If you can, please try to get a copy of the article I mentioned by Robert Champeix that was in the AWA Digest, Vol. 6, 1991. Since you are Francais, the article was originally published in "Liaison des Transmissions" #117, March-April 1979 and #117 May-June 1979, and may be more readily available to you as such. The authors' credentials appear impeccable.

I read therein that the Superheterodyne concept was proposed first in France by (2) French engineers as a logical refinement of heterodyne CW detection. The article mainly concerns itself with its' origination, though I believe that its' fulfillment was likely a collaborative effort during the first war. Besides Paul Laut and Lucien Levy, I believe that, among others, R.E.Lacault, E.H.Armstrong and Harry Houck were involved in its' development and refinement in Paris. It is possible that nationalism and corporate greed later conspired to omit historical facts detrimental to a position of prominence. Of course it is likely that you may be already aware of all the above.

Regards; Steve

End of BOATANCHORS Digest 2324

>From ???@??? Wed Dec 02 03:24:46 1998
Message-Id: <199812020359.VAA24012@sco.theporch.com>
Date: Tue, 1 Dec 1998 21:59:10 CST
Subject: BOATANCHORS digest 2325

BOATANCHORS Digest 2325

Topics covered in this issue include:

- 1) Re: Collins 30S-1 Door Script
by Sandra L Knepper <slkst29+@pitt.edu>
- 2) Telefunken Schematis needed
by Kevin Thomas <kg9il@mc.net>
- 3) RE: Telefunken Schematis needed
by "Katz, Gene S" <gene.s.katz@lmco.com>
- 4) Hammarlund HX-50. Halp!
by Jack Harper <jharper@bs2000.com>
- 5) Re: Telefunken Schematis needed
by John Shriver <jas@shiva.com>
- 6) SR-2000/P-2000 HELP!!!!!!
by Sandy Gerli <angerli@esslink.com>
- 7) Vibrator Replacement
by Al Klase <skywaves@bw.webex.net>
- 8) ADMINISTTRIVIA: Buying and Selling Guidelines
by listown@jackatak.theporch.com (Mail List Owner)
- 9) Sparton age
by Ken_Warren@beavton.k12.or.us (Ken Warren)
- 10) Invader 200 paint

- by Steve Wenger <swenger@lisa.csj.net>
- 11) Hallicrafters S-53 knob needed
by Jim Lyle <jlyle@netcom.com>
 - 12) WTB: National NC-108T
by "Roy S. Morgan" <roy.morgan@nist.gov>
 - 13) Sonobouy frequencies?
by "Thomas A. Adams" <103360.2133@compuserve.com>
 - 14) Re: Vibrator Replacement
by polepeeg@aa4rm.ba-watch.org (Marty's Refl. Drop)
 - 15) Need some parts for PS
by zeitler@ibm.net
 - 16) Lot of Mini-Tubes FS
by David Stinson <arc5@ix.netcom.com>
 - 17) BC-1000 wanted
by BEN NOCK <G4BXD@compuserve.com>
 - 18) Re: Sparton age
by Al Parker <anchor@coastalnet.com>
 - 19) Some stuff for sale
by "Brickey, Peter" <peter.brickey@compaq.com>
 - 20) WTB: Cable set for AN/URM-25D
by thompson@mindspring.com
 - 21) HW-12 tuning knob WTB
by Sandy Gerli <angerli@esslink.com>
 - 22) Hickok 6000
by "Jim Reynolds" <gds@digitalexp.com>
 - 23) RE; BC-611 ID
by "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>

Date: Tue, 1 Dec 1998 05:28:53 -0500 (EST)
From: Sandra L Knepper <slkst29+@pitt.edu>
To: Old Tube Radios <boatanchors@theporch.com>
cc: boatanchors@theporch.com
Subject: Re: Collins 30S-1 Door Script
Message-ID: <Pine.GS0.3.96L.981201052817.2253I-100000@unixs3.cis.pitt.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Dave, W3ST
Publisher of the Collins Journal
Homepage: <http://www.pixi.com/~jenkins/collins>

On Tue, 1 Dec 1998, Sandra L Knepper wrote:

>
> I am now placing an order with the supplier for a limited number of

> reproduction door script (thirty-S-one) pieces. Go to my website for
> pricing and further details, if you want to order. Those who have
> forwarded their checks, delivery should be between 4 to 6 weeks. As any
> 30S-1 owner knows this script emblem is made of pot metal and can snap
> very easily if accidentally moved. The new pieces are similar to the
> winged emblems that were reproduced by this same supplier. The reports
> coming back from those who have ordered these pieces are very positive.
> We expect the same high quality with the 30S-1 script emblems.
>
> Thank you for your support.
>
> Dave, W3ST
> Publisher of the Collins Journal
> Homepage: <http://www.pixi.com/~jenkins/collins>
>
>

Message-ID: <3663E030.270@mc.net>
Date: Tue, 01 Dec 1998 06:25:20 -0600
From: Kevin Thomas <kg9il@mc.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Telefunken Schematis needed
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello all,

My brother and I are attempting to restore a Telefunken Gavotte receiver
and we need a schematic. Any ideas??

73 Kevin KG9IL

Content-return: allowed
Date: Tue, 01 Dec 1998 09:35:19 -0500
From: "Katz, Gene S" <gene.s.katz@lmco.com>
Subject: RE: Telefunken Schematis needed
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <D977A62BE8F4D111B31E0000F8081AD001055887@EMSS04M16>
MIME-version: 1.0
Content-type: text/plain

Call Ross Hochstrasser at Bavarian Radio in Mass. (617) 447-4299. He's the
best!

Message-Id: <3.0.1.32.19981201074208.00fa312c@mail.bsi2000.com>
Date: Tue, 01 Dec 1998 07:42:08 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: Jack Harper <jharper@bs2000.com>
Subject: Hammarlund HX-50. Halp!
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Good Morning BA Fans...

I have a Hammarlund HX-50 transmitter that I am trying to coax (no pun intended) back to a meaningful life. This guy seems to work at least to a degree. Main problem is that I am only seeing about 30 watts output which is, of course, low.

I also only see about 100ma PA Cathode current rather than the specified 180ma or so. I am dumping the RF into a Heath CanTenna thingus complete with mineral oil (bubble, bubble, bubble).

I have not really checked everything carefully yet -- did check for B+ shorts and the like and then brought it up slowly on a Variac. Next step will be to test the tubes and the voltages/resistances etc. I also intend to recap the thing and already have the capacitors in hand. I also need to correct a previous hack job where someone mangled some bleeder resistors (I think) over a couple of the power supply electrolytics. The power cord (two prong of course) also needs to be replaced so that hopefully I won't be completely vaporized if something gives. Will also tweak the alignment etc.

Question: This is a straight HX-50 (not the HX-50A). I have a Hammarlund publication ("Hammarlund HX-50 Transmitter/Exciter - Addenda") that describes several modifications:

(a) "To Increase VOX Sens" -- No interest to me as I only really operate CW.

(b) "To Reduce Key Clicks" -- Now that sounds pretty good. Very simple mod -- just a capacitor from here to there.

(c) "Modification of VOX and Keying Circuitry" -- Sounds good but is a fairly complicated mod with three pages of instructions (30 steps?)

(d) "Relay Trip Modification" -- Sounds good and is simple change.

The schematic that I have reads "HX-50 Preliminary Schematic" -- :) I love it...

Has anyone actually made these changes -- which are worthwhile?

BTW -- What are the essential differences between the HX-50 and the HX-50A
-- more than these mods?

I really appreciate any feedback.

Regards -- and Happy Days to You.

Jack, W0YJ (Friend to all things Hammarlund)

Jack Harper
303-231-9095

BSI2000, Inc.
Lakewood, Colorado USA

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Visit our Web Page: <http://www.bsi2000.com> (Last Update: 980421)

Date: Tue, 1 Dec 1998 09:53:12 -0500
Message-Id: <199812011453.JAA09426@brill.shiva.com>
From: John Shriver <jas@shiva.com>
To: Old Tube Radios <boatanchors@theporch.com>
CC: boatanchors@theporch.com
Subject: Re: Telefunken Schematis needed

I can vouch for Ross. But, like me, his area code has been changed,
so the phone number is 781-447-4299.

Message-ID: <3664041E.534A0734@esslink.com>
Date: Tue, 01 Dec 1998 09:58:39 -0500
From: Sandy Gerli <angerli@esslink.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: SR-2000/P-2000 HELP!!!!!!
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi, folks,

In the process of restoring this beast, I've made a nasty discovery: The
plate current meter in the P-2000 power supply is open. Worse yet, the

manual gives no information on either the internal resistance or the full-scale current for the meter. Just "Japan" and an original Hallicrafters part number on the back of the meter case.

Does anybody on the reflector have a clue as to where I might get this meter fixed? Bartlett in Iowa does only Collins meters, so they're out. I don't know of anyone else.

The possibility of finding a NOS meter is as remote as locating a pin in a bale of hay!

I'd appreciate ANY leads anyone could give me.

73,

--

Sandy Gerli, AC1Y
500 Country Club Road
Avon, CT 06001-2406
(860) 675-5566
E-Mail: angerli@esslink.com

Life Member: ARRL, QCWA
Charter Member: Collins Collectors Association

"Boatanchors are Ham Radio's living heritage!
Get in touch with 'em. Restore something! Smell that hot solder!
Sure beats booze. And, you can get up afterwards..."

Message-ID: <36640CCE.5162F3C6@bw.webex.net>
Date: Tue, 01 Dec 1998 10:35:42 -0500
From: Al Klase <skywaves@bw.webex.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Vibrator Replacement
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Anchorites,

Does anyone have any information/circuits for replacing power-supply vibrators with (gasp!)transistors?

73,
Al

--

Al Klase - N3FRQ
skywaves@bw.webex.net
Flemington, NJ 08822
Web Page: <http://www.webex.net/~skywaves/home.htm>

Message-Id: <199812011715.LAA20159@jackatak.theporch.com>
From: listown@jackatak.theporch.com (Mail List Owner)
To: Old Tube Radios <boatanchors@theporch.com>
Subject: ADMINISTRIVIA: Buying and Selling Guidelines
Date: Tue, 1 Dec 98 11:15:00 CST

Gang-

This periodic posting is intended as a gentle nudge and suggestion which should improve the quality of posts to the BoatAnchors list, and maintain our excellent (and high) signal to noise ratio...

The list culture has developed to include "for sale" and "wanted" posts. Originally, all buying and selling traffic was focused on finding parts to complete a restoration. As the list has evolved, there has been an increase in buying and selling activity, which may not be all bad.

There is, however, a real need to observe certain conventions, lest this otherwise benign activity turn into a real disturbance to the real purpose of the list: discussions of radio equipment using vacuum tubes, including the life and times of the designers and users of such gear.

Please observe these guidelines:

- 1) LIMIT the frequency of for sale postings... once a month is a good starting point
- 2) DO NOT post endless "xxx is sold" to the entire list... you offered it for sale, and it is not considerate of list resources (which include the time and energy of the other list members) to burden the list with these senseless notices. Use direct email to those who responded, or, if you don't want to answer them personally, just don't use the list to advertise them for sale!
- 3) AVOID even the mere faint appearance that you are posting items for sale as a regular adjunct to your business dealings. This has become more of a problem lately with some long lists showing up regularly on the main list, or with dealers who appear to be using the list for their personal advertising advantage. Failure to observe these basics *will* result in banishment from the list -- just don't do it! When even a shadow of doubt creeps in, read the

"Welcome" message again... it spells it out!

- 4) DO be considerate of those on the list in your for sale or wanted postings. Keep them short, infrequent, and ONLY include items specifically appropriate to the list -- NO solid state gear is obvious, but try to avoid pushing the envelope in any area.
- 5) LONG lists and estate offerings should be sent to me at:
listown@jackatak.theporch.com
so they may be uploaded to the archives for email or ftp retrieval.
(We are hoping to have a web page up in the future for these files.)

Thanks for your understanding and help in making the boatanchors list have the highest signal to noise on the InterNet.

--

73

Jack, W4KH/Mobile - - - BoatAnchor Mailing List Owner - - -
listown@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"
"Il n'y a que les idiots qui ne changent jamais d'idee"
Tue Dec 1 11:15:00 CST 1998

Message-Id: <fc.000f47cb0077e7ad000f47cb0077e7ad.77e899@beavton.k12.or.us>
Date: Tue, 01 Dec 1998 10:04:23 -0800
Subject: Sparton age
To: Old Tube Radios <boatanchors@theporch.com>
From: Ken_Warren@beavton.k12.or.us (Ken Warren)
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Does anyone have any idea of when a Sparton model 1271 console radio was manufactured?

Ken Warren K7RPX

Date: Tue, 1 Dec 1998 14:04:51 -0600 (CST)
From: Steve Wenger <swenger@lisa.csj.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Invader 200 paint
Message-ID: <Pine.LNX.3.96.981201140200.14225A-100000@lisa.csj.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Greetings,

Does anyone know a source for paint that matches the case on the Johnson

Invader 200 or 2000.

73,
Steve KA9QLF

From: Jim Lyle <jlyle@netcom.com>
Message-Id: <199812011916.LAA12404@netcom8.netcom.com>
Subject: Hallicrafters S-53 knob needed
To: Old Tube Radios <boatanchors@theporch.com>
Date: Tue, 1 Dec 1998 11:16:29 -0800 (PST)
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Apologies if you've seen this for the second time. I never saw it make the list, and got no replies, so I suspect I may have dropped it in some bit-bucket the first time.

I need the bandswitch knob for a Hallicrafters S-53 (B model I think.. it's not here at the moment). It's a plastic knob with knurled ridges... standard Hallicrafters vintage.

Anyone have a parts unit somewhere, or some in a box? Any help would be greatly appreciated.

--
Jim Lyle

jlyle@netcom.COM

From: "Roy S. Morgan" <roy.morgan@nist.gov>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: WTB: National NC-108T
Date: Tue, 1 Dec 1998 18:40:42 -0500
Message-Id: <000101be1d84\$025c6210\$325f2e82@morganrswnt.dt.navy.mil>
Mime-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anchorites and Glowbuggers:

A friend wants to buy a National NC-108T.

If you know of one, e-mail me and I'll forward it to him.

Thanks much, Roy
K1LKY since 1959

---Roy Morgan
Hydrodynamics/Hydroacoustics Technology Center
Naval Surface Warfare Center, Carderock Division
9500 MacArthur Boulevard
West Bethesda, MD 20817-5700
301-227-3827

Date: Tue, 1 Dec 1998 14:36:57 -0500
From: "Thomas A. Adams" <103360.2133@compuserve.com>
Subject: Sonobouy frequencies?
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <199812011438_MC2-6206-C9C1@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Greetings, Troops.

While poking around in the shop, I ran into something REALLY odd that I forgot I had; several US Navy sonobouys.

For the uninitiated, a sonobouy is an aluminum cylinder about 4" in diameter and maybe 3 feet long that is dropped by maritime patrol aircraft while hunting for submarines. When it hits the water, several things happen as it floats upright on the surface.

--- A plastic cap comes off of the top end, and a slim, spring loaded mast pops up, deploying a high VHF ground plane antenna made from steel measuring tape material.

--- Another plastic cap pops off the lower end, dropping an underwater microphone on a couple of hundred feet of cable coiled up inside.

--- Seawater hits a water activated battery, providing 24 VDC and activating an FM transmitter inside, relaying what the microphone hears to a receiver aboard the circling patrol plane.

--- A red dye marker inside starts to dissolve, giving the pilot a visual reference of the sonobouy's position.

--- A water soluble plug starts to dissolve. When it finally melts (a couple of hours), the floatation chamber fills with water, putting the

transmitter off the air by sinking the entire sonobouy.

The units I have are both low voltage plate tube and all transistor jobs, crystal controlled. Unfortunately, the crystals are marked with channel numbers rather than frequencies. Measurements of the ground plane elements tell me these thing operate in the 160 - 170 MHz range. I'd rather not fire them up and take a counter measurement to find out where they are; the Navy probably still uses these channels, and I don't like the idea of a P-3 Orion coming in low over the antenna farm. That sort of thing is hard on the dipoles, and the neighbors tend to get upset over the noise of low flying four engine turboprops. Besides, the YL would go ballistic about the dye marker stains in the bathtub when I dunk 'em to turn 'em on. <<grin>>

Anybody out there got a list of sonobouy channel assignments? I doubt that the info is classified; these things appear to be late 1950s / early 1960s vintage.

73's,

Tom, W9LBB

Date: Tue, 1 Dec 1998 15:01:51 -0500
From: polepeeg@aa4rm.ba-watch.org (Marty's Refl. Drop)
Message-Id: <199812012001.PAA05123@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Vibrator Replacement

12V: NPN (3055s, say) collectors to 'points,' emitters to gnd thru 1ohm ea.
PP baby output trans w. sec'y across half vib. xfrm'r w., say, 2 mfd 50V
in series.

CT of opt trans to gnd thru 3 SI diodes w. cathodes (bands) to gnd. (2.1V
bias). Primary leads to bases, reverse if no-go.

Works fb... & you can 'tune it to, say 400hz (vib. was 115hz) by cap across
that opt. (now feedback) xfrm'r sec'y.

Crude but effective

M

....Some guy makes SS vib. repl.s & they must work this way - MUST, I say!!!

and who's that out there mumbling something about ask your girl freind?

From: zeitler@ibm.net
Message-ID: <000d01be1d7a\$60172de0\$ce292581@km3g>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Need some parts for PS
Date: Tue, 1 Dec 1998 14:31:35 -0800
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Esteemed Reflectees,
I am need of four Millen 37001 high voltage connectors, must have the set of
the female and male and I need four of these sets. Color is of no
importance.

I also need a very rugged BUD cabinet that is AT LEAST 16 inches tall.

Thanks for the read and God Bless.

Lane Zeitler
KM3G
San Diego

Message-ID: <36645113.6D73@ix.netcom.com>
Date: Tue, 01 Dec 1998 14:26:59 -0600
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Lot of Mini-Tubes FS
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Large lot of 100+ miniture tubes.
No damper-diode or series filament trash,
except a few useful types like 50C5.
Nearly all 6 and 12 volt radio types.

They are the type of "loose" tubes I get when
I buy a big lot-- too many with too low a value
to fool with them.
THESE TUBES ARE UNBOXED AND UNTESTED.
I stopped counting at 100.

\$12 plus shipping from Texas.
That's 12 cents a tube-- you can use them for

christmas tree decorations for that price.

Overseas BA folks get preference since they have
a much harder time getting tubes.

--

73 DE David Stinson AB5S
arc5@ix.netcom.com

Occupied Texas, CSA

Date: Tue, 1 Dec 1998 16:21:38 -0500
From: BEN NOCK <G4BXD@compuserve.com>
Subject: BC-1000 wanted
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <199812011621_MC2-6219-9C53@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

I am looking for a BC-1000 (SCR-300).

Does anyone have a spare around. =

cheers, Ben.G4BXD.

Message-Id: <3.0.5.32.19981201154048.008853e0@mail1.coastalnet.com>
Date: Tue, 01 Dec 1998 15:40:48 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Al Parker <anchor@coastalnet.com>
Subject: Re: Sparton age
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:04 AM 12/1/98 -0800, Ken Warren wrote:
>Does anyone have any idea of when a Sparton model 1271 console radio was
>manufactured?

sorry, no listing in my ref. for 1271, but:

They made a 10xx series in 1947-1948,
only 11xx series listed here is a 1186 ca. 1936
13xx series in 1953
They also made TV's, with one prewar mirror in lid mod. in 1939

but mostly in 1949-'53
73,

73,
A1, W8UT
New Bern, NC
Boat Anchors appreciated here
anchor@coastalnet.com

Message-ID: <418B8B7ACE69D111879B00805F6F281D02269C05@exccup-25006.mis.tandem.com>
From: "Brickey, Peter" <peter.brickey@compaq.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Some stuff for sale
Date: Tue, 1 Dec 1998 13:00:23 -0800
MIME-Version: 1.0
Content-Type: text/plain

Hi,

I am trying to clear out some stuff that I probably will never use (to make some space for more stuff, that I will probably not use).

1 RE-2/ARC-5 antenna relay box, good condition but missing the vacuum capacitor and its mounting brackets.
\$ 25

1 RE-2/ARC-5 antenna relay box, like new complete with vacuum cap.
\$ 40

B&W 370, sideband adapter, this is the receiver adapter, good condition, don't know if it works - never hooked it up.
\$ 55

Heathkit CR-1, crystal set , nice condition, with repro manual
\$ 65

Layfette, S meter accessory
\$ 10

Johnson phone patch
\$ 10

Johnson 250W 'Matchbox', no SWR meter, nice condition
\$ 85

Micromatch, RF power/SWR meter
\$ 20

National SW-4, all coils, no power supply, good condition
\$225

RCA 'Radiomarine' mdl AR-8503 receiver with mdl AR-8503-P \$170
preselector, both in very nice condition. Exception being the
receiver has had a J0-239 jack installed in place of the antenna
jack.

All of the above are FOB, Los Gatos, Ca (95033). Please, when replying
include your ZIP so that I may figure the postage.

73's Peter

From: thompson@mindspring.com
Message-ID: <001f01be1d91\$db675bc0\$f2f445cf@default>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: WTB: Cable set for AN/URM-25D
Date: Tue, 1 Dec 1998 20:19:48 -0500

I have a nice URM-25D signal generator and would like to find as complete as
possible a cable set for the unit to complete the system
(Generator/Manual/cables).

If you can help please price and condition by direct e-mail to me.

73 Dave K4JRB
thompson@mindspring.com

Message-ID: <3664970B.D22F8376@esslink.com>
Date: Tue, 01 Dec 1998 20:25:32 -0500
From: Sandy Gerli <angerli@esslink.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: HW-12 tuning knob WTB
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,

I've just restored a nice HW-12A but it really needs a new tuning knob.
The original one is really beat up.

Anyone have a knob for this series rig?

Thanks es 73,

--

Sandy Gerli, AC1Y
500 Country Club Road
Avon, CT 06001-2406
(860) 675-5566
E-Mail: angerli@esslink.com

Life Member: ARRL, QCWA
Charter Member: Collins Collectors Association

"Boatanchors are Ham Radio's living heritage!
Get in touch with 'em. Restore something! Smell that hot solder!
Sure beats booze. And, you can get up afterwards..."

From: "Jim Reynolds" <gds@digitalexp.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Hickok 6000
Date: Tue, 1 Dec 1998 19:44:22 -0600
Message-ID: <000301be1d95\$48ed5ac0\$192b31cc@gds>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I need an adapter for the Hickok 6000a tube tester to allow testing the (4)
pin - 2 large and 2 small, tubes like the 2A3 or the 5Z3(socket type 4D).
Any ideas?

thanks and 73

Jim Reynolds
PO Box 1692
Wewahitchka, FL 32465
mailto:gds@digitalexp.com
ICQ # 1047111

KI6UP
Web Page:
<http://www.digitalexp.com/~users/gds/>

Date: Tue, 1 Dec 1998 22:58:06 -0500
From: "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
Subject: RE; BC-611 ID
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <199812012258_MC2-6228-40F6@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Hans & Group,

Many US WW-II vintage radio sets (and other equipment) were supplied to the
NATO Allies after the war. Most replaced the US nameplates with ones in
their language. I've seen French, Italian and Greek BC-611 nameplates for
BC-611's. I have a BC-653 with French nameplates on the outside and US ones
on the inside. For that matter, I have a RT-196/PRC-6 with an Israeli
nameplate. But that's a later story. Anyway, it isn't surprising that
they would have also mixed components from various vintage sets, as they
would also have been supplied with spares from various contracts. The top
cover on your set might have come from an early C or a B, or it might have
come from spares for those sets.

The stencils which you mention are incomplete. The MWO 11-235 should have
another number after it from 1 to 5 according to my files. MWO is an
abbreviation for Modification Work Order, i.e., an modification intended to
be applied to all in-service sets. MFP-10 means that the set was Moisture
and Fungus Proofed in the 10th month of some year. MFP varnish was in
short supply until late 43/early 44 and was generally reserved for sets
going to the Pacific. So the missing digits are probably either 44 or 45,
although I guess it could have been as late as 52.

73,
Robert Downs

End of BOATANCHORS Digest 2325
